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ELECTRO-OPTICAL MODULATION AND OTHER OPTICAL APPLICATIONS USING POLED OPTICAL WHISPERING GALLERY MODE RESONATORS

[0001] This application claims the benefit of U.S. Provisional

Application No. 60/444,432 entitled "ELECTRO-OPTICAL MODULATION WITH PERIODICALLY POLED WHISPERING GALLERY MODE CAVITIES" and

filed on February 3, 2003.

is a continuation of [0002] This application further claims the benefit of U.S. entitled "NONLINEAR OPTICAL Patent Application No. 10/447,673

WHISPERING GALLERY MODE RESONATORS" and filed on May 28, 2003. The U.S. Patent Application No. 10/447,673 itself claims the benefit from U.S. Provisional Application No. 60/383,869 filed on May 28, 2002.

[0003] The entire disclosures of the above referenced patent applications are incorporated herein by reference as part of this application.

Statement Regarding Federally Sponsored Research

[0004] The devices, systems and techniques described herein were made in the performance of work under a NASA contract, and are subject to the provisions of Public Law 96-517 (35 USC 202) in which the Contractor has elected to retain title.